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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/593,202_

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232 aaaacagaaa cagccaagaa caaggacaaa ccaaacctttt ctcgtgggga gaggcaaatt   11880
233 aaggcaagct gccatagttc tccccctctc agatctgaaa agagatctga taagccagtc   11940
234 agcaggctgt ggggaagtag acactctcat atctgttagg aggaaggaaa aaaaacccga   12000
235 cagactcact ggagcgcagc tgtcagtctt tatcaaaatg taaaatgcca gcaagacatg   12060
236 atggctcata cctgacatcc tagcacttgg gagactgagg caggaggatt atcttgtgtc   12120
237 agaagccgac ctaggctaca taaaagtgtg cgtgtccacg caagcatgtt tgtaaagtgc   12180
238 ctatgccttt ttgtctggct gactctgtct agttcattgt ttatccacat aactagcaac   12240
239 ccctgacacg tgtggtgtcc agtgtgagcc aggcgctgtt ccaaaggctt tcgatacatg   12300
240 gatgctttta gtcttcccag caacgaatag atatggcatt gctgtcatct ccattttaca   12360
241 atgaagaaac aaaaacaaag acttcagcca tgtatgcatg ggttaaccat gtatgacaca   12420
242 cggatgtagc catgtataca cacacagatg ttgccatgta gccacatata catggatgtt   12480
243 tgttcaccac aacattctta cacaggcaaa acattcaaaa taactaccac caccaggctc   12540
244 tggtcaaggg catgacaata catgtaatgt ggtagaatgc tgagaacatg agcaaaccat   12600
245 ctgtcatgtg tgtcttggtt acttccctat tgctatgaag agacaccatg accaaggcaa   12660
246 tgtataaaag gatatcttgg aattcatgat catccttagg cttagaatcc atgattatca   12720
247 gggcagggaa cacggaagca ggcaggtagc tgagaactta catcctgatc cttttacaac   12780
248 ctcaatgtct accccagtc acacacctcc ccaacaaggc caacctccta atctttccca   12840
249 gtttttaccaa ctgggaacca agtgtttgaa cataggagcc tatgagaaac attcgcattc   12900
250 aaaccaccac aatgtggaag actttgatga tattttatga agaaagcaaa ctttagaata   12960
251 acataaagag taagatttta tatatttaaa aaatttaaag atatatacac acacatatat   13020
252 acatatatac acatacactc acaatcttttt atgcatgtgt tttaaaatat tttataaata   13080
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/27/2006
PATENT APPLICATION: US/10/593,202   TIME: 10:57:14

Input Set : **F:\FHCC016US.APP.txt**
Output Set: **N:\CRF4\09272006\J593202.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 27350,27351,27352,27353,27354,27355,27356,27357,27358,27359
Seq#:1; N Pos. 27360,27361,27362,27363,27364,27365,27366,27367,27368,27369
Seq#:1; N Pos. 27370,27371,27372,27373,27374,27375,27376,27377,27378,27379
Seq#:1; N Pos. 27380,27381,27382,27383,27384,27385,27386,27387,27388,27389
Seq#:1; N Pos. 27390,27391,27392,27393,27394,27395,27396,27397,27398,27399
Seq#:1; N Pos. 27400,27401,27402,27403,27404,27405,27406,27407,27408,27409
Seq#:1; N Pos. 27410,27411,27412,27413,27414,27415,27416,27417,27418,27419
Seq#:1; N Pos. 27420,27421,27422,27423,27424,27425,27426,27427,27428,27429
Seq#:1; N Pos. 27430,27431,27432,27433,27434,27435,27436,27437,27438,27439
Seq#:1; N Pos. 27440,27441,27442,27443,27444,27445,27446,27447,27448,27449
Seq#:1; N Pos. 27450,27451,27452,27453,27454,27455,27456,27457,27458,27459
Seq#:1; N Pos. 27460,27461,27462,27463,27464,33039,33040,33041,33042,33043
Seq#:1; N Pos. 33044,33045,33046,33047,33048,33049,33050,33051,33052,33053
Seq#:1; N Pos. 33054,33055,33056,33057,33058,33059,33060,33061,33062,33063
Seq#:1; N Pos. 33064,33065,33066,33067,33068,33069,33070,33071,33072,33073
Seq#:1; N Pos. 33074,33075,33076,33077,33078,33079,33080,33081,33082,33083
Seq#:1; N Pos. 33084,33085,33086,33087,33088,33089,33090,33091,33092,33093
Seq#:1; N Pos. 33094,33095,33096,33097,33098,33099,33100,33101,33102,33103
Seq#:1; N Pos. 33104,33105,33106,33107,33108,33109,33110,33111,33112,33113
Seq#:1; N Pos. 33114,33115,33116,33117,33118,33119,33120,33121,33122,33123
Seq#:1; N Pos. 33124,33125,33126,33127,33128,33129,33130,33131,33132,33133
Seq#:1; N Pos. 33134,33135,33136,33137,33138,35917,35918,35919,35920,35921
Seq#:1; N Pos. 35922,35923,35924,35925,35926,35927,35928,35929,35930,35931
Seq#:1; N Pos. 35932,35933,35934,35935,35936,35937,35938,35939,35940,35941
Seq#:1; N Pos. 35942,35943,35944,35945,35946,35947,35948,35949,35950,35951
Seq#:1; N Pos. 35952,35953,35954,35955,35956,35957,35958,35959,35960,35961
Seq#:1; N Pos. 35962,35963,35964,35965,35966,35967,35968,35969,35970,35971
Seq#:1; N Pos. 35972,35973,35974,35975,35976,35977,35978,35979,35980,35981
Seq#:1; N Pos. 35982,35983,35984,35985,35986,35987,35988,35989,35990,35991
Seq#:1; N Pos. 35992,35993,35994,35995,35996,35997,35998,35999,36000,36001
Seq#:1; N Pos. 36002,36003,36004,36005,36006,36007,36008,36009,36010,36011
Seq#:1; N Pos. 36012,36013,36014,36015,36016,38029,38030,38031,38032,38033
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Seq#:1; N Pos. 38044,38045,38046,38047,38048,38049,38050,38051,38052,38053
Seq#:1; N Pos. 38054,38055,38056,38057,38058,38059,38060,38061,38062,38063
Seq#:1; N Pos. 38064,38065,38066,38067,38068,38069,38070,38071,38072,38073
Seq#:1; N Pos. 38074,38075,38076,38077,38078,38079,38080,38081,38082,38083
Seq#:1; N Pos. 38084,38085,38086,38087,38088,38089,38090,38091,38092,38093
Seq#:1; N Pos. 38094,38095,38096,38097,38098,38099,38100,38101,38102,38103
Seq#:1; N Pos. 38104,38105,38106,38107,38108,38109,38110,38111,38112,38113
Seq#:1; N Pos. 38114,38115,38116,38117,38118,38119,38120,38121,38122,38123
Seq#:1; N Pos. 38124,38125,38126,38127,38128
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Seq#:1; N Pos. 78079,78080,78081,78082,78083,78084,78085,78086,78087,78088

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/27/2006
PATENT APPLICATION: **US/10/593,202**   TIME: 10:57:14

Input Set : **F:\FHCC016US.APP.txt**
Output Set: **N:\CRF4\09272006\J593202.raw**

Seq#:1; N Pos. 78089,78090,78091,78092,78093,78094,78095,78096,78097,78098
Seq#:1; N Pos. 78099,78100,78101,78102,78103,78104,78105,78106,78107,78108
Seq#:1; N Pos. 78109,78110,78111,78112,78113,78114,78115,78116,78117,78118
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Seq#:1; N Pos. 78149,78150,78151,78152,78153,78154,78155,78156,78157,78158

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Input Set : **F:\FHCC016US.APP.txt**
Output Set: **N:\CRF4\09272006\J593202.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:27300
M:341 Repeated in SeqNo=1
L:1990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1800